

MANUFACTURING EXTENSION PARTNERSHIP

Success Stories from the Field

Southern Prestige Industries

North Carolina Manufacturing Extension Partnership

Southern Prestige Achieves AS9100 Certification

Client Profile:

Southern Prestige Industries is a computer numerical control (CNC) machining manufacturer located in Statesville, North Carolina. Precision Processing Systems, a division of Southern Prestige Industries, provides CNC turning, CNC milling, and CNC screw machine capabilities to the aerospace, textile, electronic, medical, automotive and scientific industries. The company employs 30 people.

Situation:

Southern Prestige management realized that to accommodate their large aerospace needs, they had to learn the needs of the industry and meet those needs by proving quality, process documentation, and customer satisfaction. The company contacted the North Carolina Manufacturing Extension Partnership (NC MEP), a NIST MEP network affiliate, for help with AS9100 certification. The AS9100 standard was created specifically for the aerospace industry and incorporates all the requirements of the ISO 9001:2000 quality management standard. It includes aerospace-specific requirements such as safety and reliability components.

Solution:

NC MEP facilitated AS9100 pre-assessment training and certification preparation sessions, including process identification matrix, control of documents and records, resource management, design and development, calibration, monitoring and measuring of processes, and internal audit training. NC MEP's assistance with the implementation of the aerospace quality management system led to retained sales, improved quality, expanded market penetration, increased production, reduced lead time, and retained jobs.

Results:

- * Achieved AS9100 certification.
- * Retained sales of \$5 million.
- * Reduced returns by \$85,000.
- * Retained 57 jobs.

Testimonial:

"Growth is the reason for this certification. AS9100 opens up doors for us that we haven't explored before. Our quality is superior and our systems are in place."

James Wilson, President